

ABSTRACT

An IP communication interface device includes first and second connecting units (51, 52), a first processing unit (931, 932, 933) for coding first media-corresponding data as B-channel data inputted to the first connecting unit from the switched circuit network, decoding packet-deassembled media-corresponding data into which a packet of second media-corresponding data inputted to the second connecting unit from the LAN is deassembled, and for transmitting the decoded media-corresponding data to the first connecting unit for forwarding the same data as the first media-corresponding data to the switched circuit network, a second processing unit (941, 942, 943) for assembling the coded media-corresponding data coded by the first processing unit into a packet, deassembling the packet of the second media-corresponding data, and transmitting the same data as packet-deassembled media-corresponding data to the first processing unit, and a third processing unit (53) for generating the second media-corresponding data by adding predetermined header data to the packet-assembled media-corresponding data assembled into a packet by the second processing unit, forwarding the second media-corresponding data to the LAN via the second connecting unit, removing the header data added to the second media-corresponding data inputted to the second connecting unit, and transmitting the second media-corresponding data with the header data removed to the second processing unit.